

TABLE 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2012

(Dollars in thousands)

Agency	All federal obligations	R&D <sup>a</sup>				R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research	Advanced technology development	Major systems development					
All agencies	30,812,949.5	27,384,768.8	na	na	na	424,198.4	3,866.4	912,748.9	140,781.0	1,946,585.9
Department of Agriculture	1,220,285.6	657,215.5	na	na	na	38.3	90.3	55,459.0	0.0	507,482.5
Department of Commerce	264,832.2	158,797.7	na	na	na	24,272.4	0.0	19,137.1	0.0	62,625.0
Department of Defense	3,636,630.4	2,753,270.2	1,876,166.5	263,976.4	613,127.3	0.0	116.2	28.2	20,553.4	862,662.4
Department of the Air Force	679,064.5	525,964.0	475,429.6	40,693.6	9,840.8	0.0	0.0	0.0	1,510.5	151,590.0
Department of the Army	939,633.2	534,308.8	465,002.8	41,080.0	28,226.1	0.0	0.0	0.0	18,887.9	386,436.4
Department of the Navy	1,642,241.1	1,327,985.9	696,843.6	86,216.6	544,925.7	0.0	0.0	0.0	155.0	314,100.2
Other Department of Defense	375,691.7	365,011.5	238,890.5	95,986.2	30,134.7	0.0	116.2	28.2	0.0	10,535.8
Department of Education	175,351.1	132,246.5	na	na	na	0.0	0.0	28,885.5	0.0	14,219.1
Department of Energy	1,017,627.9	1,009,194.3	na	na	na	0.0	0.0	8,433.6	0.0	0.0
Department of Health and Human Services	17,870,048.2	17,026,555.2	na	na	na	6,067.0	0.0	756,873.0	74,164.8	6,388.2
Administration for Children and Families	7,890.7	7,890.7	na	na	na	0.0	0.0	0.0	0.0	0.0
Agency for Healthcare Research and Quality	100,201.2	100,201.2	na	na	na	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	156,534.7	154,630.4	na	na	na	0.0	0.0	1,150.8	72.0	681.6
Ctrs. for Medicare and Medicaid Services	1,026.0	1,026.0	na	na	na	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	48,020.0	48,020.0	na	na	na	0.0	0.0	0.0	0.0	0.0
Health Resources and Services Administration	109,605.9	23,490.7	na	na	na	0.0	0.0	81,388.4	0.0	4,726.8
Indian Health Service	1,822.9	0.0	na	na	na	0.0	0.0	1,822.9	0.0	0.0
National Institutes of Health	17,442,390.3	16,689,535.2	na	na	na	6,067.0	0.0	671,715.4	74,092.9	979.8
Office of the Assistant Secretary, Planning and Evaluation	2,556.5	1,761.0	na	na	na	0.0	0.0	795.5	0.0	0.0
Department of Homeland Security	68,741.9	68,741.9	na	na	na	0.0	0.0	0.0	0.0	0.0
Directorate for Science and Technology	68,544.5	68,544.5	na	na	na	0.0	0.0	0.0	0.0	0.0
U.S. Coast Guard	197.4	197.4	na	na	na	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	333.1	333.1	na	na	na	0.0	0.0	0.0	0.0	0.0
Department of the Interior	107,419.5	107,014.7	na	na	na	404.7	0.0	0.0	0.0	0.0
Department of Transportation	194,186.3	164,527.2	na	na	na	1,437.5	3,660.0	9,706.9	14,854.7	0.0
Other agencies										
Agency for International Development	66,374.2	66,374.2	na	na	na	0.0	0.0	0.0	0.0	0.0
Appalachian Regional Commission	537.9	537.9	na	na	na	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency	67,666.9	62,253.5	na	na	na	0.0	0.0	5,413.4	0.0	0.0
National Aeronautics and Space Administration	970,566.0	970,566.0	na	na	na	0.0	0.0	0.0	0.0	0.0
National Science Foundation	5,113,050.6	4,170,186.8	na	na	na	391,978.5	0.0	27,775.2	29,901.4	493,208.7

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		Total	Research	Advanced technology development	Major systems development						
Nuclear Regulatory Commission	3,989.7	3,989.7	na	na	na	0.0	0.0	0.0	0.0	0.0	
Office of Justice Programs	31,654.8	31,654.8	na	na	na	0.0	0.0	0.0	0.0	0.0	
Social Security Administration	3,653.4	1,309.5	na	na	na	0.0	0.0	1,037.2	1,306.7	0.0	

na = not applicable; data were not collected at this level of detail.

S&E = science and engineering.

<sup>a</sup> Beginning with FY 1990, the Department of Defense (DOD) reports research separately from development. DOD states that more than 90% of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from academic departments. Furthermore, DOD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DOD total development obligations are therefore not comparable with development obligations at other federal agencies. Refer to table 14 for DOD obligations to individual institutions, by R&D breakdown.

NOTE: Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2012.